Use Attainability Analysis

for

WBID 0825 Grays Creek

Submitted by Missouri Department of Natural Resources Staff

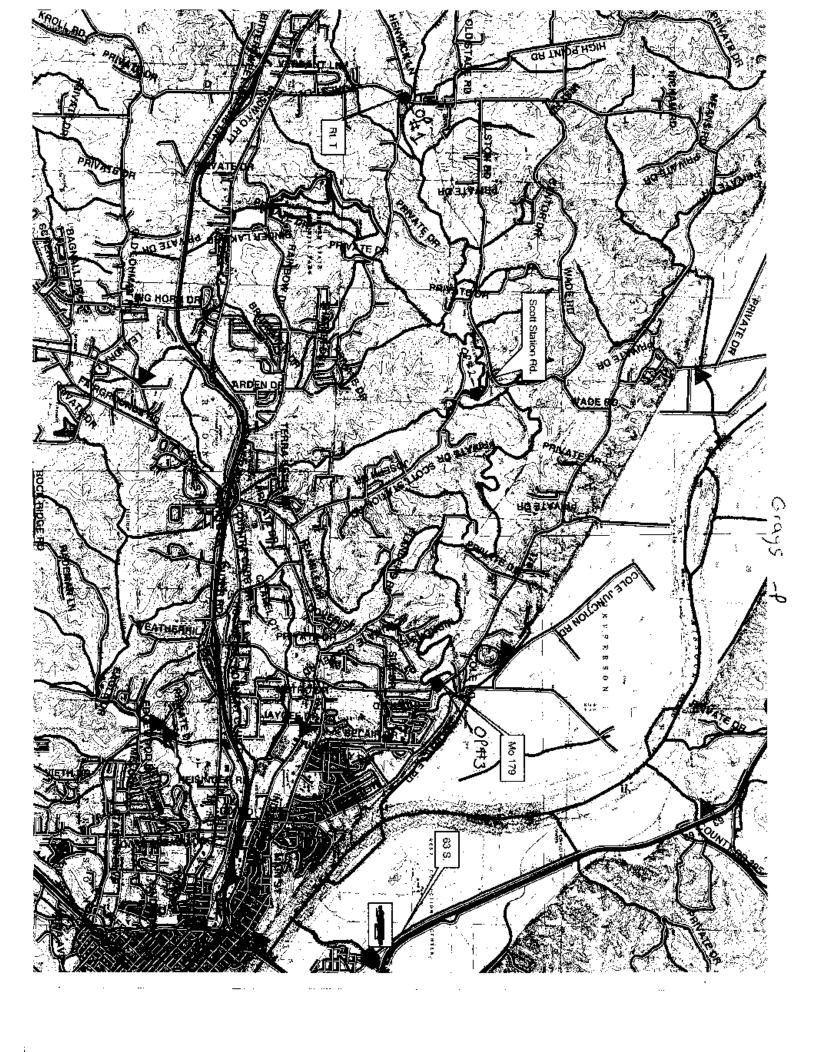
To Missouri Department of Natural Resources Water Protection Program

Data Sheet A - Water Body Identification~

Water Body Name (from USGS 7.5' quad): Gray's Creek
8-digit HUC: 103 00 10 Z
Missouri WBID #: 0825
County: Cole
Upstream Legal Description: NW 1/4, Sec. 35 T 45 R 13
Downstream Legal Description: 5w 1/4, Sec. 27 T45 R12
Upstream Coordinates: UTM 558872 4273570
Downstream Coordinates: UTM 567353 4274157
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Tucker Fredrickson (573) 526-4210
Organization: MDNR
Position: Environmental Specialist

Signed: Jucker	Freducken	Date: 5/12	105
3-5			

[&]quot;I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WB(D #: O 8	325-01		Site Location De	scription: Bridge cr	a S. S. i n A	
Site GPS Coordinates: 558872 4273570				Hinkusau	7	
Date & Time: 5 12 05 2:15 PM						
Personnel: JUCKEV	Fredrick	son_	Permit Number:	0.000	7 H 10 10 10 10 10 10 10 10 10 10 10 10 10	
Current Weather Conditions: Sunny 75°F			Weather Condition	ons for Past 7 days: Affre	A Z POLIFE	
Photo Ids: Upstream:	II Down	nstream:	2 Other	: High Temp.	Range: 75-85"F	
(
Uses Observed*:				· · · · · · · · · · · · · · · · · · ·		
Swimming	Skin diving	□ sc	UBA diving	Tubing	☐ Water skiing	
Wind surfing	☐ Kayaking	☐ Bo	ating	Wading	Ratting	
Hunting	☐ Trapping	☐ Fis.	hing	None of the above documentation of evidence	Other:	
Surrounding Condition	is*: (Mark all that p	promote or in	ipede recreational t	uses. Attach photos of evide	nce or unusual	
items of interest.)		<u> </u>		Urban areas	Campgrounds	
City/county parks	Playgrounds		onservation lands		Stairs/walkway	
Boating accesses	State parks	☐ Nationa	l forests	☐ Nature trails ☐ Stairs/walkw		
No trespass sign	Fence	Steep sl	opes	Other:		
Evidence of Human Us	e*:					
Roads	Foot paths/pri	nts 🔲	Dock/platform	Livestock Watering	RV / ATV Tracks	
Rope swings	Camping Site	s 📮	Fire pit/ring	☐ NPDES Discharge	Fishing Tackle	
Other:	<u> </u>	·				
			-			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Data Sheet B - Site Characterization

Page Two - WBID # <u>0825</u>

opaneam riem	Physical Di-	mensions:					
Riffle Width		Length (ft):		Avg. Depth (fi	:):	Max. Depth (ft):	
Run Width	(ft):	Length (ft):	<u></u>	Avg. Depth (fi	:):	Max. Depth (ft):	- <u>-</u> -
Pool Width	(ft): 15'	Length (ft):	45´ A	Avg. Depth (fi): 0.75 ⁷	Max. Depth (ft):	1.25'
Flow Preser	ıt? 💢 Yes	□ No Minut		estimated (ft ³ /			
Downstream Vi	ew Physical	Dimensions:					
Riffle Width		Length (ft):		Avg. Depth (fi	·):	Max. Depth (ft):	
Run Width	(fi):	Length (ft):		Avg. Depth (fi	<u> </u>	Max. Depth (ft):	
Pool Width	(ft): 4()	Length (ft):	· · ·	Avg. Depth (fi		Max, Depth (ft):	3.5
Flow Presen		□ No		stimated (ft ³ /		•	
small riffle .	downstream	1	<u> </u>		<u></u>		
bstrate*: (These	values should a	add up to 100%.)					
30 % Cobbl		Gravei	% Sand		% Silt	% Mud/Clay	% Bedrock
		,				····	
							-
Odor:	Sewage	☐ Musky			None	□ Other:	
Odor: Color:	Sewage Clear	☐ Musky ☐ Green	Gray	/	Milky	Other:	-
Odor: Color: Bottom Deposit:	Sewage Clear Sludge	☐ Musky ☐ Green ☐ Solids	Gray	sediments	Milky None	Other:	-
Odor: Color:	Sewage Clear	☐ Musky ☐ Green ☐ Solids ☑ Scum	Gray Fine	sediments	Milky	Other:	-
Odor: Color: Bottom Deposit: Surface Deposit:	Sewage Clear Sludge Oil	☐ Musky ☐ Green ☐ Solids ☑ Scum ☐ Caf decore	Gray Fine Foar	sediments n	Milky None None	Other: Other: Other:	
Odor: Color: Bottom Deposit: Surface Deposit: omments: Please	Sewage Clear Sludge Oil attach additi	☐ Musky ☐ Green ☐ Solids ☑ Scum ☐ Caf decomonal comments	Gray Fine Foar	sediments n	Milky None None	Other: Other: Other:	n.
Odor: Color: Bottom Deposit: Surface Deposit: omments: Please	Sewage Clear Sludge Oil attach additi	☐ Musky ☐ Green ☐ Solids ☑ Scum ☐ Caf decomonal comments	Gray Fine Foar	sediments n	Milky None None	Other: Other: Other:	n.
Odor: Color: Bottom Deposit: Surface Deposit: omments: Please	Sewage Clear Sludge Oil attach addition of of of other contents of other contents on the contents of other contents of other contents of other contents on the contents of other contents of other contents on the contents of ot	☐ Musky ☐ Green ☐ Solids ☑ Scum ☐ Caf decoments rash, spray	Gray Gray Fine Foar position (including paint a recreations	sediments in g information CANS FO	Milky None None n from inter	Other: Other: Other: rviews) to this form	ridge
Odor: Color: Bottom Deposit: Surface Deposit: omments: Please Vored Othis information is no	Sewage Clear Sludge Oil attach additi f of f	☐ Musky ☐ Green ☐ Solids ☐ Scum ☐ Caf decomments rash, spray ely for removal of conditions. Conse	Gray Gray Fine Foar position (including paint a recreations	sediments in g information COMS Formation al use designates information	Milky None None n from inter r graff tion but rather is not intender	Other: Other: Other: Other: rviews) to this form of under br is to provide a more d to directly influence	ridge
Odor: Color: Bottom Deposit: Surface Deposit: omments: Please Vored Othis information is no	Sewage Clear Sludge Oil attach additi f of f	☐ Musky ☐ Green ☐ Solids ☐ Scum ☐ Caf decomments rash, spray ely for removal of conditions. Conse	Gray Gray Fine Foar position (including paint a recreations	sediments in information cans for al use designa information	Milky None None n from inter r graff tion but rather is not intender	Other: Other: Other: rviews) to this form	ridge
Odor: Color: Bottom Deposit: Surface Deposit: omments: Please borred to this information is no emprehensive underst ecision on the recreati	Sewage X Clear Sludge Oil attach additi S of S of of to be used solution and of water on use analysis , hereby affi	☐ Musky ☐ Green ☐ Solids ☐ Scum ☐ Caf decomonal comments rash, spray ely for removal of conditions. Conse but may point to c	Gray Gray Fine Foar Position (including paint a recreations equently, this onditions the	sediments in information al use designa s information at need furthe	Milky None None n from interior graff tion but rather is not intender analysis or the	Other: Other: Other: Other: rviews) to this form of under br is to provide a more d to directly influence	ridge
Color: Bottom Deposit: Surface Deposit: omments: Please by rund to this information is no emprehensive underst existion on the recreati	Sewage X Clear Sludge Oil attach additi S of S of of to be used solution and of water on use analysis , hereby affi	☐ Musky ☐ Green ☐ Solids ☐ Scum ☐ Caf decomonal comments rash, spray ely for removal of conditions. Conse but may point to c	Gray Gray Fine Foar Position (including paint a recreations equently, this onditions the	sediments in information al use designa s information at need furthe	Milky None None n from interior graff tion but rather is not intender analysis or the	Other: Other: Other: Other: views) to this form of under by is to provide a more d to directly influence hat effect another use.	ridge
Odor: Color: Bottom Deposit: Surface Deposit: omments: Please borred to this information is no emprehensive underst ecision on the recreati	Sewage Clear Sludge Oil attach additi Sof + to be used solution and gof water on use analysis , hereby affind accurate.	☐ Musky ☐ Green ☐ Solids ☐ Scum ☐ Caf decomonal comments rash, spray ely for removal of conditions. Conse but may point to c	Gray Gray Fine Foar Position (including paint a recreations equently, this onditions the	sediments in information al use designa s information at need furthe	Milky None None n from interior graff tion but rather is not intender analysis or the	Other: Other: Other: Other: views) to this form of under by is to provide a more d to directly influence hat effect another use.	ridge





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #:	825 -02		Site Location Description: Bridge crossing				
Site GPS Coordinates:	· · · · · · · · · · · · · · · · · · ·	74232	OP# 2	Scott St	ation Road		
Date & Time: 5~12		45 PM)		Gray's Creek			
Personnel: Tucker	Fredricks	'n	Permit Number:				
Current Weather Condition		75°F	Weather Condition	ons for Past 7 days: Appr	ex. 2" rain		
Photo Ids: Upstream:	O Down	istream:	09 Other	ons for Past 7 days: Appr : High Tem	p. Range: 75-85°		
Uses Observed*:							
Swimming	Skin diving	in sct	JBA diving	Tubing	Water skiing		
Wind surfing	☐ Kayaking		ating	Wading	Rafting		
Hunting	☐ Trapping		uing	None of the above	Other:		
Describe: (include numbe	r of individuals recr	eating, freque	ency of use, photo-	documentation of evidence	of recreational uses, etc.)		
Surrounding Condition	s*: (Mark all that p	romote or im	pede recreational u	ses. Attach photos of evider	nce or unusual		
☐ City/county parks	☐ Playgrounds	☐ MDC cor	nservation lands	Urban areas	Campgrounds		
☐ Boating accesses	State parks	☐ National	forests	☐ Nature trails	Stairs/walkway		
No trespass sign	Fence	Steep slo	pes	Other:			
Evidence of Human Use	e*:						
Roads	Foot paths/prin	its 🗆 🗀	ock/platform	Livestock Watering	RV / ATV Tracks		
Rope swings	Camping Sites	□ F	ire pit/ring	☐ NPDES Discharge	Fishing Tackle		
Other: NA							

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #0825:

	rnysical Dim	ensions:				
Riffle Width		Length (ft):	Avg. Depth		Max. Depth (ft);	
Run Width	(ft):	Length (ft):	Avg. Depth	 	Max. Depth (ft):	
2 Pool Width	(ft): 20	Length (ft):	·	(ft): 0.75	Max. Depth (ft):	1.5
Flow Presen	<u> </u>	No No	Estimated (· ·	Thus, Depart (10).	1.0
	 -			´_ 		
Downstream Vic			· · · · · · · · · · · · · · · · · · ·			·
Riffle Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Run Width	(ft): 20	Length (ft):	60 Avg. Depth	(fi): /	Max. Depth (ft):	<u> 2.</u> 5
Pool Width	(ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth (ft):	
Flow Presen	t? 🏿 Yes 🗆] No	Estimated (ft ³ /sec):		
Substrate*: (These	values should ad-	d up to 100%.)				
40 % Cobble		Gravel	% Sand 10	O % Silt	% Mud/Clay	% Bedrock
Notan Characteria	براء محاجباتها	that apply.)				
1				TVCxr.		
Odon	☐ Sewage	☐ Musky	Chemical	None	Other:	
Odor: Color:	Sewage Clear	☐ Musky ☐ Green	Gray	Milky	Other:	
Odor: Color: Bottom Deposit: Surface Deposit:	Sewage Clear Sludge Oil	☐ Musky ☐ Green ☐ Solids ☐ Scum	Gray Fine sediments Foam	Milky None None	Other: Other:	
Color: Bottom Deposit: Surface Deposit: Comments: Please Of leaf co *This information is not comprehensive understa decision on the recreation	Sewage Clear Sludge Oil attach addition C. didn't for the used solely unding of water come use analysis but	☐ Musky ☐ Green ☐ Solids ☐ Scum nal comments ○ rea K u ρ ○ ov ✓ for removal of onditions. Cons ut may point to o	Gray Fine sediments	Milky None None None tion from inte	Other: Ot	charact
Odor: Color: Bottom Deposit: Surface Deposit: Comments: Please Of 14 Substant of 16 fc *This information is not comprehensive understated decision on the recreation. I, the undersigned,	Sewage Clear Sludge Oil attach addition Ce didn't let om posicion to be used solely anding of water come use analysis but hereby affirm ad accurate.	Musky Green Solids Scum all comments rea K u p for removal of conditions. Cons at may point to con to the best	Gray Fine sediments Foam (including information fragme to Gor d a recreational use designed equently, this information of my knowledge,	Milky None None None None Microphysical Milky None None Microphysical Milky Microphysical Milky	Other: Ot	charach 1 this UAA





Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: 0 8 25 - 03 Site GPS Coordinates: 56 7353 4274157 Date & Time: 5/12/05 3.30 PM Personnei: TUCKER Fredrickson			Site Location Description: Bridge Crossing OP# 3 Hwy 179			
			OP#3	Hwy. 179	1	
			Facility Name: Grays Creek Permit Number:			
Photo Ids: Upstream:	13 Downs		14 Other	: High Tem	f. Range: 75-	
					<u> </u>	
es Observed*:			<u></u> ,	<u> </u>		
Swimming	Skin diving	□ sc	UBA diving	☐ Tubing	Water skiing	
Wind surfing	Kayaking	☐ Bo	ating	Wading	Rafting	
Hunting	Trapping	☐ Fis	hing	Mone of the above	Other:	
NΑ	ger of ingryidums recte	ams, avyo	ency of use, photo-	documentation of evidence	·	
NΑ				ises. Attach photos of evide		
NA rrounding Conditio	ns*: (Mark all that pro	omote or in				
NA rrounding Conditions of interest.)	ns*: (Mark all that pro	omote or in	npede recreational t	uses. Attach photos of evide	nce or unusual	
NA rrounding Conditions of interest.) Ciry/county parks	ons*: (Mark all that pro	omote or in	npede recreational to onservation lands I forests	ises. Attach photos of evide	nce or unusual	
NA rrounding Conditions of interest.) Ciry/county parks Boating accesses	ns*: (Mark all that pro	omote or in	npede recreational to onservation lands I forests	Urban areas Nature trails Other: NA	nce or unusual Campgrounds Stairs/walkway	
NA rrounding Conditions of interest.) Ciry/county parks Boating accesses No trespass sign	ns*: (Mark all that pro	omote or in MDC co Nationa Steep sl	npede recreational to onservation lands I forests	uses. Attach photos of evide Urban areas Nature trails Other: NA	nce or unusual Campgrounds Stairs/walkway	
NA rrounding Conditions of interest.) City/county parks Boating accesses No trespass sign	ns*: (Mark all that pro	omote or in MDC co Nationa Steep sl	npede recreational u onservation lands I forests opes	Urban areas Nature trails Other: NA	nce or unusual Campgrounds Stairs/walkwa	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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Data Sheet B - Site Characterization

Page Two - WBID #<u>0825</u>:

Stream Morpholog Upstream View I	•	sions:		<i>-</i>		
Riffle Width (Length (ft):	Avg. Depth (t	- ft);	Max. Depth (ft):
Run Width (fi): [Length (ft):	Avg. Depth (f	ft):	Max. Depth ((t):
🔏 Pool Width (ft): 30′ i	Length (ft): 75'	Avg. Depth (f	f): 1.75 [/]	Max. Depth (ft): 3.5'
☐ Flow Present	?	vo	Estimated (ft ³	/sec):		
Downstream Vie	w Physical Din	nensions:				<u>-</u>
Riffle Width (Length (ft):	Avg. Depth (i	f:):	Max. Depth (1	ft):
Run Width (ft): 12 I	Length (ft): $125'$	Avg. Depth (f	ft): [ft): 2.25'
Pool Width (ft): I	Length (ft):	Avg. Depth (1	ft):	Max. Depth (
Flow Present	Yes 🗆 1	Ço .	Estimated (ft ³	/sec):		
Substrate*: (These v			and !	% Silt 2	O % Mud/Clay	% Bedrock
Water Characterist	-	rate cover		····		
Odor:	Sewage		Chemical	None	Other:	
Color: '	☑ Clear	Green 🗌	Gray	Milky	Other:	
Bottom Deposit:	Sludge	☐ Solids	Fine sediments	☐ None	Other:	
Surface Deposit:	Oil	Scum _	Foam	None	Other:	
Comments: Please a Observed 8 *This information is not comprehensive understandedision on the recreation	to be used solely for	ar or removal of a recrea ditions. Consequently	itional use designa	ation but rather	is to provide a mo to directly influer	re nce a
I, the undersigned, datasheet is true an	d accurate.					
Signed: Jude	r Treduc	hom	Date:	5/12/0	05	
Signed: Jude Organization: MD	NR	<u> </u>	Position	: <u>ES</u>		

